

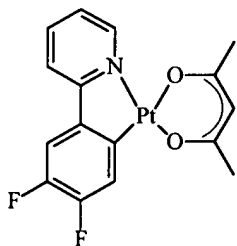
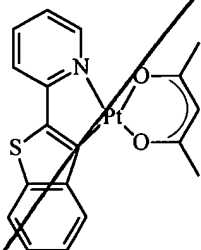
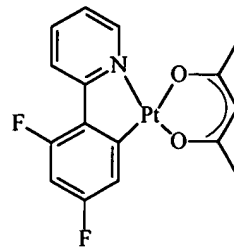
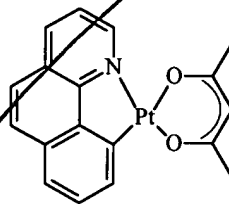
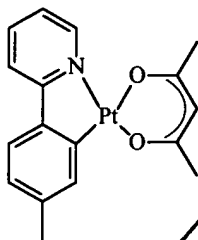
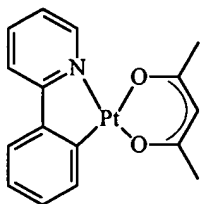
IN THE CLAIMS:

Please cancel claims 1-3 without prejudice.

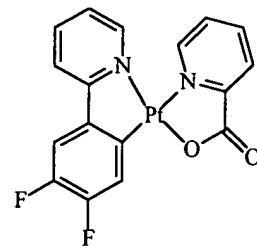
Please add new claims 4-12 as follows:

- A2
4. (new) An organic light emitting device including an emissive layer comprising an organometallic compound comprised of:
- a heavy metal;
  - a single carbon-coordination ligand bound to the heavy metal, wherein the single carbon-coordination ligand is a mono-anionic carbon-coordination ligand; and
  - at least one non-carbon-coordination ligand bound to the heavy metal.
5. (new) The organic light emitting device of claim 4, wherein the heavy metal is selected from the group consisting of Ir, Pt and Au.
6. (new) The organic light emitting device of claim 4, wherein the single carbon-coordination ligand is substituted with at least one electron-withdrawing group.
7. (new) The organic light emitting device of claim 4, wherein the at least one non-carbon-coordination ligand has a strong electron-withdrawing character.
8. (new) The organic light emitting device of claim 6, wherein the at least one non-carbon-coordination ligand has a strong electron-withdrawing character.
- A

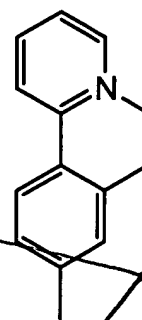
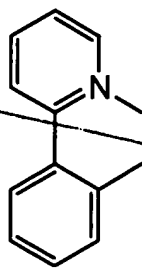
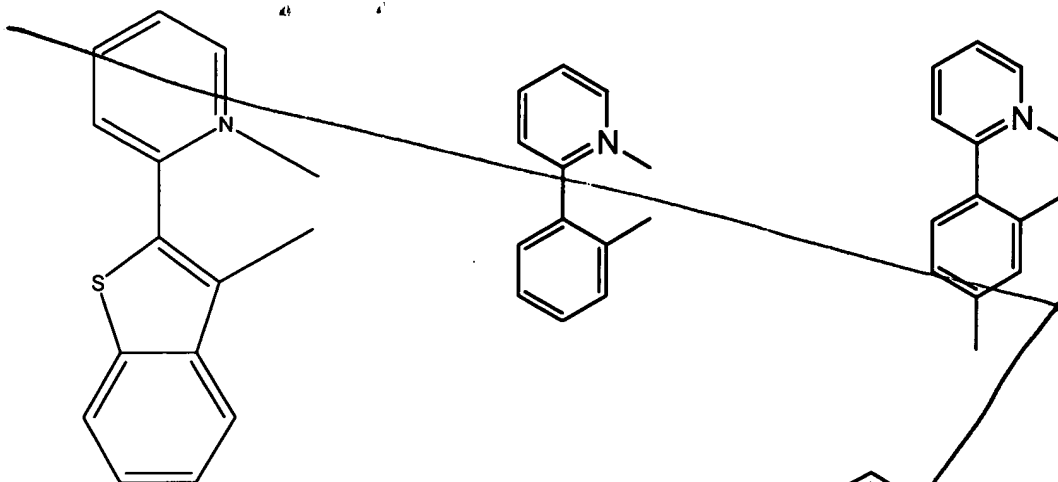
9. (new) The organic light emitting device of claim 4, wherein the organometallic compound has a chemical structure represented by a formula selected from the group consisting of:



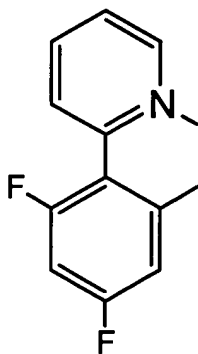
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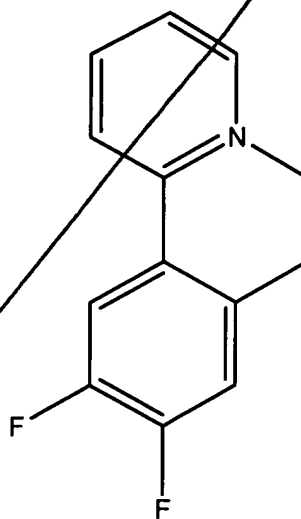
10. (new) The organic light emitting device of claim 4, wherein the single carbon-coordination ligand is selected from the group consisting of:



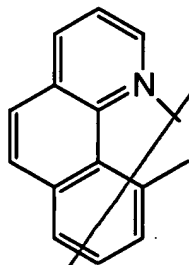
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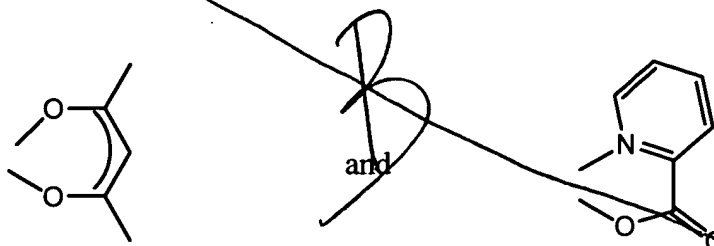
~~B~~



and



11. (new) The organic light emitting device of claim 4, wherein the non-carbon-coordination ligand is selected from the group consisting of:



12. (new) An organometallic compound comprising:

a heavy metal;

a single carbon-coordination ligand bound to the heavy metal, wherein the single carbon-coordination ligand is a mono-anionic carbon-coordination ligand; and

at least one non-carbon-coordination ligand bound to the heavy metal;

wherein the organometallic compound has a chemical structure represented by a formula selected from the group consisting of:

